

## "SENSITIVE\_WATERS2005.APR" – Information to the project

D A T E: Wednesday, 9. February 2005

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P A T H O F P R O J E C T F I L E :

f:\geodata\project\_data\nrcs\sensitivewaters2005\sensitive\_waters2005.apr

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E X T E N S I O N S :

\$AVEXT/jfif.avx (jpeg extension)

### VIEWS AND THEMES:

This Views below includes the shapefiles showing the impaired streams/lakes 2004 dataset acquired from the MnPCA, as well as wellhead protection / drinking supply (etc.) areas acquired from the MN Dept of Health. The file paths are shown in the left column, and the Themes renamed to that in the right column.

#### V1 - SENSITIVE WATERS 2005 - View with the following Themes:

f:\geodata\project_data\nrcs\sensitivewaters2005\csp2005wtrshds.shp	CSP 2005 WATERSHEDS [Polygon]
f:\geodata\government_units\cnty24k_a_mn.shp	COUNTY BOUNDARIES [Polygon]
f:\geodata\cadastral\pls_twps_h_a_mn.shp	TOWNSHIP BOUNDARIES [Polygon]
f:\geodata\cadastral\pls_sect_a_mn.shp	SECTION LINES [Polygon]
f:\geodata\project_data\nrcs\sensitivewaters2005\turbidity04_only.shp	TURBIDITY '04 ONLY STREAMS [Arc]
f:\geodata\project_data\nrcs\sensitivewaters2005\fecal04_only.shp	FECAL '04 STREAMS ONLY [Arc]
f:\geodata\project_data\nrcs\sensitivewaters2005\fc_and_t_04.shp	FECAL / TURBIDITY '04 STREAMS ONLY BOTH [Arc]
f:\geodata\hydrography\impaired_waters\tmdl-04\streams_tmdl04_l_mn.shp	OTHER STREAM IMPAIRMENTS '04 [Arc]
f:\geodata\hydrologic_units\hu8_labels_a_mn.shp	HUC8 WATERSHEDS [Polygon]

f:\geodata\hydrography\impaired_waters\tmdl-04\lakes_tmdl04_a_mn.shp	PCA'S 2004 IMPAIRED LAKES [Polygon]
f:\geodata\project_data\nrcs\sensitivewaters2005\nrcs_impaired_wtrshds.shp	NRCS' 2004 IMPAIRED WATERSHEDS (ADD'L) [Polygon]
f:\geodata\project_data\nrcs\sensitivewaters2005\pca_huc14_fc_t.shp	PCA'S 2004 IMPAIRED WATERSHEDS [Polygon]

## **V2 - PUBLIC WATER SUPPLY SOURCES/WELLHEAD PROTECTION AREAS - View with the following Themes:**

f:\geodata\government_units\cnty24k_a_mn.shp	COUNTY BOUNDARIES [Polygon]
f:\geodata\government_units\mcd2000_city_a_mn.shp	MINOR CIVIL DIVISIONS [Polygon]
f:\geodata\cadastral\pls_twpsh_a_mn.shp	TOWNSHIP BOUNDARIES [Polygon]
f:\geodata\cadastral\pls_sect_a_mn.shp	SECTION LINES [Polygon]
f:\geodata\hydrography\wellheadprotectionareas\publicwatersupplysources\pwss.shp	PUBLIC WATER SUPPLY SOURCES (PWSS) [Point]
f:\geodata\hydrography\wellheadprotectionareas\publicwatersupplysources\cz_src_act.shp	ACTIVE/APPROVED SOURCES FOR WPA [Point]
f:\geodata\hydrography\wellheadprotectionareas\drinkingwatersupplymgmt\whpa.shp	WELLHEAD PROTECTION AREAS [Polygon]

## **V3 - SOURCE WATER ASSESSMENT AREAS / DRINKING WATER SUPPLY MGMT AREAS - View with the following Themes:**

f:\geodata\government_units\cnty24k_a_mn.shp	COUNTY BOUNDARIES [Polygon]
f:\geodata\government_units\mcd2000_city_a_mn.shp	MINOR CIVIL DIVISIONS [Polygon]
f:\geodata\cadastral\pls_twpsh_a_mn.shp	TOWNSHIP BOUNDARIES [Polygon]
f:\geodata\cadastral\pls_sect_a_mn.shp	SECTION LINES [Polygon]
f:\geodata\hydrography\wellheadprotectionareas\publicwatersupplysources\pwss.shp	PUBLIC WATER SUPPLY SOURCES (PWSS) [Point]
f:\geodata\hydrography\wellheadprotectionareas\publicwatersupplysources\pwss_swa_active.shp	ACTIVE SOURCES FOR SWAA [Point]
f:\geodata\hydrography\wellheadprotectionareas\sourcewaterassessmentareas\vulnerable_source_water_areas.shp	VULNERABLE SOURCE WATER ASSESSMENT AREAS [Polygon]
f:\geodata\hydrography\wellheadprotectionareas\sourcewaterassessmentareas\swa.shp	SOURCE WATER ASSESSMENT AREAS [Polygon]
f:\geodata\hydrography\wellheadprotectionareas\drinkingwatersupplymgmt\dwsul.shp	VULNERABILITY OF DWSMA [Polygon]
f:\geodata\hydrography\wellheadprotectionareas\drinkingwatersupplymgmt\dwsma.shp	DRINKING WATER SUPPLY MGMT AREAS [Polygon]

**ZLOGO - View with the following Themes:**

f:\geodata\project\_data\nrcs\sensitivewaters2005\nrcscolor2.jpg

NRCSCOLOR2.JPG [ITheme]

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**L A Y O U T S [ViewFrames] :**

A generic layout has been provided that contains the various required cartographic elements for a map layout. By double-clicking on Minnesota, a dialog box opens and allows you to select which View (V1, V2, or V3) you wish to print out. The legend will change automatically for the View that you select. Some tweaking will be required, however, as the Legend will resize, and a title needs to be added.

Generic Layout [2 ViewFrames, (2 LiveLinked)]

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**PDFs: F:\geodata\hydrography\WellheadProtectionAreas\pdf**

These are map pdfs coded in a numeric sequence. The field, **DWS-ID**, is included in both the Wellhead Protection Area (WHP) and Drinking Water Supply Areas (DWSMA) attribute tables. (Ex. 2 maps exist for New Munich and are coded SWP00097 (for DWSMA) and WHP00097 (for WHP).

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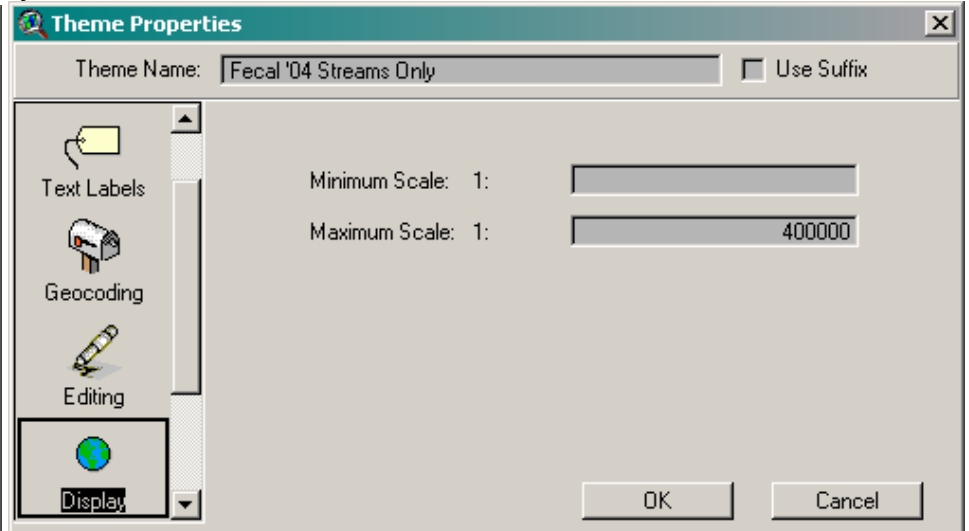
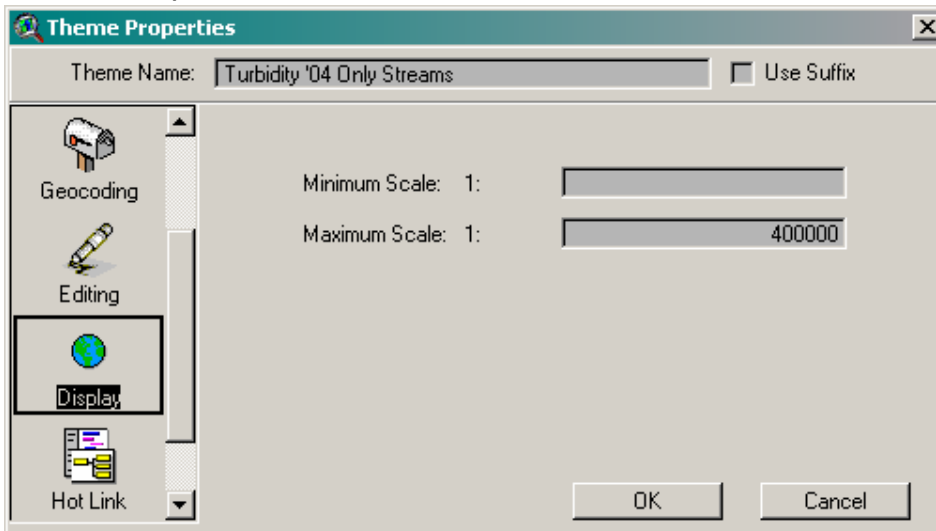
**(see NEXT PAGE)**

### Minimum / Maximum Zoom Scales:

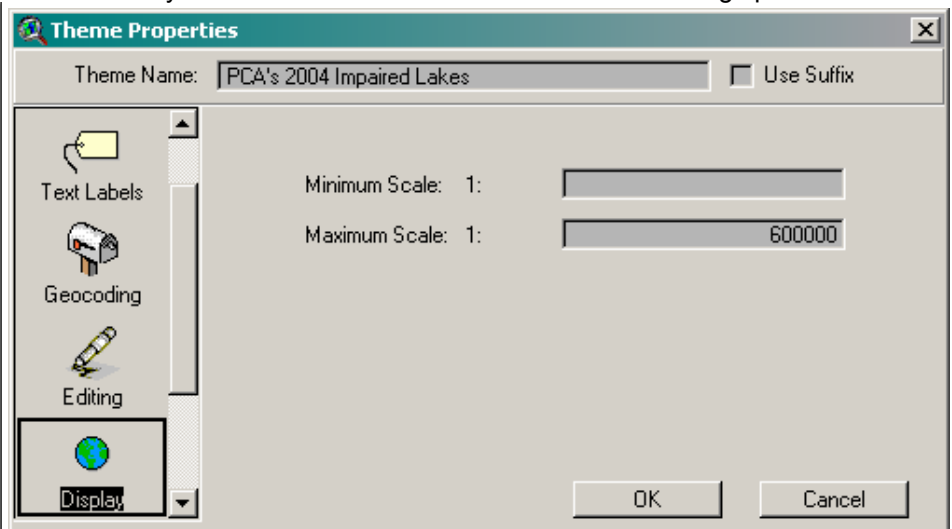
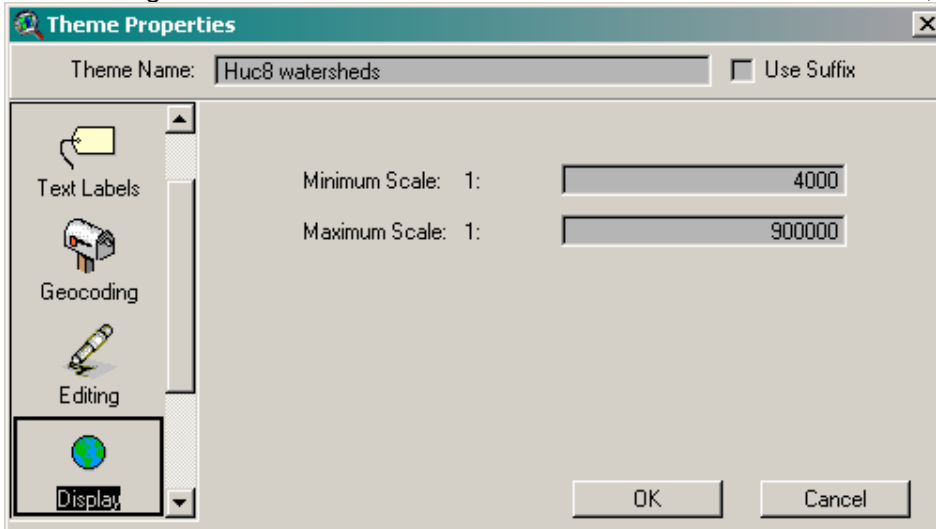
The project is set up such that certain themes can only be viewed at certain scales. This eliminates too many features being shown and also allows for a quicker redraw time. (This is comparable to the Natural Heritage Dataset project provided under f:/geodata/endangered\_habitat folder.)

To find the information provided below, Click on Theme – Properties. Then use the scroll bar provided on the left side of the dialog box and scroll down until you see a Globe icon and “Display.”

What this all means is that the dataset will not show up in the View if you are zoomed in or out past the parameters shown below. All of the impaired stream datasets are set to the limits shown directly below.



The following 2 themes have minimum / maximum visualness as shown below; dataset will only show when zoomed in/out between the settings provided below.



This same process is used in V2 and V3.